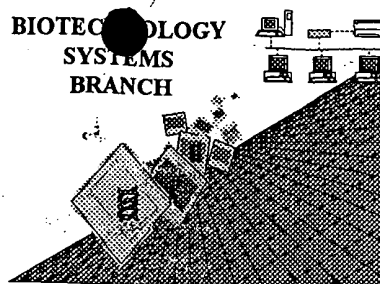


B. Bunner

**RAW SEQUENCE LISTING**  
**ERROR REPORT**

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/604,325

Source: 1620 Russia

Date Processed by STIC: 8/10/2001

RECEIVED  
AUG 20 2001  
TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

**Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:  
<http://www.uspto.gov/web/offices/pac/checker>

1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/604,325

DATE: 08/10/2001

TIME: 10:44:54

Input Set : A:\32953A.txt

Output Set: N:\CRF3\08102001\I604325.raw

## SEQUENCE LISTING

Does Not Comply  
Corrected Diskette Needed

P3

## 4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: Zsebo, Krisztina M.  
7 Bosselman, Robert A.  
8 Suggs, Sidney V.  
9 Martin, Francis H.

11 (ii) TITLE OF INVENTION: Stem Cell Factor

13 (iii) NUMBER OF SEQUENCES: 104

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
17 (B) STREET: 6300 Sears Tower, 233 South Wacker Drive  
18 (C) CITY: Chicago  
19 (D) STATE: Illinois  
20 (E) COUNTRY: United States of America  
21 (F) ZIP: 60606-6402

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: Floppy disk  
25 (B) COMPUTER: IBM PC compatible  
26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

29 (vi) CURRENT APPLICATION DATA:

30 (A) APPLICATION NUMBER: US/09/604,325  
31 (B) FILING DATE: 26-Jun-2000  
32 (C) CLASSIFICATION:

54 (vii) PRIOR APPLICATION DATA:

35 (A) APPLICATION NUMBER: 08/449,649  
36 (B) FILING DATE: 24-MAY-1995  
39 (A) APPLICATION NUMBER: 07/982,255  
40 (B) FILING DATE: 25-NOV-1992  
43 (A) APPLICATION NUMBER: 07/589,701  
44 (B) FILING DATE: 01-OCT-1990  
47 (A) APPLICATION NUMBER: 07/573,616  
48 (B) FILING DATE: 24-AUG-1990  
51 (A) APPLICATION NUMBER: 07/537,198  
52 (B) FILING DATE: 11-JUN-1990  
55 (A) APPLICATION NUMBER: 07/422,383  
56 (B) FILING DATE: 16-OCT-1989

58 (viii) ATTORNEY/AGENT INFORMATION:

59 (A) NAME: Clough, David W.  
60 (B) REGISTRATION NUMBER: 36,107  
61 (C) REFERENCE/DOCKET NUMBER: 01017/32953A

63 (ix) TELECOMMUNICATION INFORMATION:

64 (A) TELEPHONE: 312/474-6300  
65 (B) TELEFAX: 312/474-0448  
66 (C) TELEX:

68 (2) INFORMATION FOR SEQ ID NO: 1:

70 (i) SEQUENCE CHARACTERISTICS:

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AUG 20 2001  
TECH CENTER 1600/2900

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/604,325

DATE: 08/10/2001

TIME: 10:44:54

Input Set : A:\32953A.txt

Output Set: N:\CRF3\08102001\I604325.raw

71 (A) LENGTH: 165 amino acids  
 72 (B) TYPE: amino acid  
 73 (C) STRANDEDNESS: single  
 74 (D) TOPOLOGY: linear  
 76 (ii) MOLECULE TYPE: protein  
 78 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
 80 Glu Glu Ile Cys Arg Asn Pro Val Thr Asp Asn Val Lys Asp Ile Thr  
 81 1 5 10 15  
 83 Lys Leu Val Ala Asn Leu Pro Asn Asp Tyr Met Ile Thr Leu Asn Tyr  
 84 20 25 30  
 86 Val Ala Gly Met Asp Val Leu Pro Ser His Cys Trp Leu Arg Asp Met  
 87 35 40 45  
 89 Val Thr His Leu Ser Val Ser Leu Thr Thr Leu Leu Asp Lys Phe Ser  
 90 50 55 60  
 92 Asn Ile Ser Glu Gly Leu Ser Asn Tyr Ser Ile Ile Asp Lys Leu Gly  
 93 65 70 75 80  
 95 Lys Ile Val Asp Asp Leu Val Ala Cys Met Glu Glu Asn Ala Pro Lys  
 96 85 90 95  
 98 Asn Val Lys Glu Ser Leu Lys Lys Pro Glu Thr Arg Asn Phe Thr Pro  
 99 100 105 110  
 101 Glu Glu Phe Phe Ser Ile Phe Asn Arg Ser Ile Asp Ala Phe Lys Asp  
 102 115 120 125  
 104 Phe Met Val Ala Ser Asp Thr Ser Asp Cys Val Leu Ser Ser Thr Leu  
 105 130 135 140  
 107 Gly Pro Glu Lys Asp Ser Arg Val Ser Val Thr Lys Pro Phe Met Leu  
 108 145 150 155 160  
 110 Pro Pro Val Ala Ala  
 111 165

## (2) INFORMATION FOR SEQ ID NO: 2:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 26 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

## (ii) MOLECULE TYPE: DNA

## (ix) FEATURE:

(A) NAME/KEY: modified\_base

(B) LOCATION: 9

(D) OTHER INFORMATION: /mod\_base= Inosine

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

ACRTTYTTNG GNGCRTTYTC YTCCAT

## (2) INFORMATION FOR SEQ ID NO: 3:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 23 base pairs

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

## (ii) MOLECULE TYPE: DNA

## (ix) FEATURE:

26

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/604,325

DATE: 08/10/2001  
TIME: 10:44:54

Input Set : A:\32953A.txt

Output Set: N:\CRF3\08102001\I604325.raw

143 (A) NAME/KEY: modified base  
 144 (B) LOCATION: 11 & 14  
 145 (D) OTHER INFORMATION: /mod\_base= Inosine  
 147 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
 149 AARAAATCYT CNEGNGSTRAA RTT

151 (2) INFORMATION FOR SEQ ID NO: 4:  
 153 (i) SEQUENCE CHARACTERISTICS:

154 (A) LENGTH: 14 base pairs  
 155 (B) TYPE: nucleic acid  
 156 (C) STRANDEDNESS: single  
 157 (D) TOPOLOGY: linear

159 (ii) MOLECULE TYPE: DNA  
 161 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

163 GTYTCNGGYT TYTT  
 165 (2) INFORMATION FOR SEQ ID NO: 5:

167 (i) SEQUENCE CHARACTERISTICS:  
 168 (A) LENGTH: 26 base pairs  
 169 (B) TYPE: nucleic acid  
 170 (C) STRANDEDNESS: single  
 171 (D) TOPOLOGY: linear

173 (ii) MOLECULE TYPE: DNA  
 175 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

177 ATGGARGARA AYGCCCCCAA RAAAGT  
 179 (2) INFORMATION FOR SEQ ID NO: 6:

181 (i) SEQUENCE CHARACTERISTICS:  
 182 (A) LENGTH: 20 base pairs  
 183 (B) TYPE: nucleic acid  
 184 (C) STRANDEDNESS: single  
 185 (D) TOPOLOGY: linear

187 (ii) MOLECULE TYPE: DNA  
 189 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

191 CCNAAAYGAYT AYATGWTMAC  
 193 (2) INFORMATION FOR SEQ ID NO: 7:

195 (i) SEQUENCE CHARACTERISTICS:  
 196 (A) LENGTH: 20 base pairs  
 197 (B) TYPE: nucleic acid  
 198 (C) STRANDEDNESS: single  
 199 (D) TOPOLOGY: linear

201 (ii) MOLECULE TYPE: DNA  
 203 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

205 GGNGGNARCA TRAANGGYTT  
 207 (2) INFORMATION FOR SEQ ID NO: 8:

209 (i) SEQUENCE CHARACTERISTICS:  
 210 (A) LENGTH: 23 base pairs  
 211 (B) TYPE: nucleic acid  
 212 (C) STRANDEDNESS: single  
 213 (D) TOPOLOGY: linear

215 (ii) MOLECULE TYPE: DNA  
 217 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

12 and 15 ← correct locations of "n"

23

14

26

20

20

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/604,325

DATE: 08/10/2001

TIME: 10:44:54

Input Set : A:\32953A.txt

Output Set: N:\CRF3\08102001\I604325.raw

219 ACCAKAARAT CTTYAAANCG ATC  
221 (2) INFORMATION FOR SEQ ID NO: 9: 23  
223 (i) SEQUENCE CHARACTERISTICS:  
224 (A) LENGTH: 22 base pairs  
225 (B) TYPE: nucleic acid  
226 (C) STRANDEDNESS: single  
227 (D) TOPOLOGY: linear  
OK 229 (ii) MOLECULE TYPE: DNA  
231 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
233 GTATTTTCAA TAGATCCATT GA  
235 (2) INFORMATION FOR SEQ ID NO: 10: 22  
237 (i) SEQUENCE CHARACTERISTICS:  
238 (A) LENGTH: 14 base pairs  
239 (B) TYPE: nucleic acid  
240 (C) STRANDEDNESS: single  
241 (D) TOPOLOGY: linear  
OK 243 (ii) MOLECULE TYPE: DNA  
245 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
247 CCAACTATGT CGCC  
249 (2) INFORMATION FOR SEQ ID NO: 11: 14  
251 (i) SEQUENCE CHARACTERISTICS:  
252 (A) LENGTH: 21 base pairs  
253 (B) TYPE: nucleic acid  
254 (C) STRANDEDNESS: single  
255 (D) TOPOLOGY: linear  
OK 257 (ii) MOLECULE TYPE: DNA  
259 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
261 GTAGTCAAGC TGACTGATAA G  
263 (2) INFORMATION FOR SEQ ID NO: 12: 21  
265 (i) SEQUENCE CHARACTERISTICS:  
266 (A) LENGTH: 21 base pairs  
267 (B) TYPE: nucleic acid  
268 (C) STRANDEDNESS: single  
269 (D) TOPOLOGY: linear  
OK 271 (ii) MOLECULE TYPE: DNA  
273 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:  
275 TAACCAACAA TGACTAGGCA A  
277 (2) INFORMATION FOR SEQ ID NO: 13: 21  
279 (i) SEQUENCE CHARACTERISTICS:  
280 (A) LENGTH: 16 base pairs  
281 (B) TYPE: nucleic acid  
282 (C) STRANDEDNESS: single  
283 (D) TOPOLOGY: linear  
OK 285 (ii) MOLECULE TYPE: DNA  
287 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:  
289 TTCCAGAGTC AGTGTC  
291 (2) INFORMATION FOR SEQ ID NO: 14: 16  
293 (i) SEQUENCE CHARACTERISTICS:  
294 (A) LENGTH: 29 base pairs

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/604,325

DATE: 08/10/2001  
TIME: 10:44:54

Input Set : A:\32953A.txt  
Output Set: N:\CRF3\08102001\I604325.raw

295 (B) TYPE: nucleic acid  
296 (C) STRANDEDNESS: single  
297 (D) TOPOLOGY: linear  
OK> 299 (ii) MOLECULE TYPE: DNA  
301 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
303 GCGAAGCTTG CCTTTCCTTA TGAAGAAGA  
305 (2) INFORMATION FOR SEQ ID NO: 15: 29  
307 (i) SEQUENCE CHARACTERISTICS:  
308 (A) LENGTH: 38 base pairs  
309 (B) TYPE: nucleic acid  
310 (C) STRANDEDNESS: single  
311 (D) TOPOLOGY: linear  
OK> 313 (ii) MOLECULE TYPE: DNA  
315 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:  
317 GCGCCGCGGT TACGGTGGTA ACATGAAGGG CTTTGTGA  
319 (2) INFORMATION FOR SEQ ID NO: 16: 38  
321 (i) SEQUENCE CHARACTERISTICS:  
322 (A) LENGTH: 21 base pairs  
323 (B) TYPE: nucleic acid  
324 (C) STRANDEDNESS: single  
325 (D) TOPOLOGY: linear  
OK> 327 (ii) MOLECULE TYPE: DNA  
329 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
331 GATAAATGCA AGTGATAATC C  
333 (2) INFORMATION FOR SEQ ID NO: 17: 21  
335 (i) SEQUENCE CHARACTERISTICS:  
336 (A) LENGTH: 36 base pairs  
337 (B) TYPE: nucleic acid  
338 (C) STRANDEDNESS: single  
339 (D) TOPOLOGY: linear  
OK> 341 (ii) MOLECULE TYPE: DNA  
343 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:  
345 GCGGTCGACC CGCGGAACCT TAAGTCCATG CAACAC  
347 (2) INFORMATION FOR SEQ ID NO: 18: 36  
349 (i) SEQUENCE CHARACTERISTICS:  
350 (A) LENGTH: 36 base pairs  
351 (B) TYPE: nucleic acid  
352 (C) STRANDEDNESS: single  
353 (D) TOPOLOGY: linear  
OK> 355 (ii) MOLECULE TYPE: DNA  
357 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:  
359 CACCCGCGGT TATGCAACAG GGGGTAACAT AAATGG  
361 (2) INFORMATION FOR SEQ ID NO: 19: 36  
363 (i) SEQUENCE CHARACTERISTICS:  
364 (A) LENGTH: 36 base pairs  
365 (B) TYPE: nucleic acid  
366 (C) STRANDEDNESS: single  
367 (D) TOPOLOGY: linear  
wde 369 (ii) MOLECULE TYPE: DNA

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/604,325

DATE: 08/10/2001

TIME: 10:44:55

Input Set : A:\32953A.txt

Output Set: N:\CRF3\08102001\I604325.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:121 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=2  
L:140 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=3  
L:159 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=4  
L:173 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=5  
L:187 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=6  
L:201 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=7  
L:215 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=8  
L:229 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=9  
L:243 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=10  
L:257 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=11  
L:271 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=12  
L:285 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=13  
L:299 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=14  
L:313 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=15  
L:327 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=16  
L:341 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=17  
L:355 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=18  
L:369 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=19  
L:383 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=20  
L:397 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=21  
L:411 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=22  
L:425 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=23  
L:439 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=24  
L:453 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=25  
L:467 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=26  
L:481 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=27  
L:495 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=28  
L:509 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=29  
L:523 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=30  
L:537 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=31  
L:551 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=32  
L:565 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=33  
L:579 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=34  
L:593 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=35  
L:607 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=36  
L:621 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=37  
L:635 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=38  
L:649 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=39  
L:1441 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=47  
L:1700 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 47  
L:2770 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64  
L:2800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66  
L:2803 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66  
L:2868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70  
L:2898 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72  
L:2934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/604,325

DATE: 08/10/2001

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Input Set : A:\32953A.txt

Output Set: N:\CRF3\08102001\I604325.raw

L:2952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75  
L:3000 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78  
L:3104 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=84  
L:3118 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=85  
L:3132 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=86  
L:3146 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=87  
L:3160 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=88  
L:3174 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=89  
L:3188 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=90  
L:3202 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=91  
L:3216 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=92  
L:3230 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=93  
L:3248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94  
L:3280 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=96